

ABSTRACT

For a precisely fitting alignment of an optical waveguide on an electro-optical component, the electro-optical component is attached onto a submount, which can be attached at any position on a support. For retaining the optical waveguide, a coupling element is selectively provided, the coupling element having a negative imaging of the contour of the submount. This element is positively attached at the submount and receives the end of the optical waveguide. The space between the electro-optical component and the optical waveguide is filled by a transparent adhesive. The submount can be formed in micro-structure technique. The coupling element can be eliminated if the optical waveguide is directly aligned on the submount.